

**Amendments to the Specification:**

Replace paragraphs [00013], [00020], and [00022] with the following amended paragraphs.

[00013] Chemical distribution system 40 includes a connector or hook-up port 42. The chemical application technician arrives with a truck 41 containing the chemical solution, for example, a pesticide. The technician connects a high-pressure, chemical application hose reeled from the truck to connector or port 42. Once connected, the technician need no longer drag the chemical application hose around the property. Connector 42 can be enclosed in a connector box or junction box buried in the ground at a convenient access location on the property. For the present discussion, the junction box is located just outside fence 16 near gate 18. The technician removes a lid from the junction box to gain access to connector 42. Connector 42 may be horizontally or vertically oriented and mounted within the junction box. The application hose is maneuvered to make connection to connector 42. Connector 42 can also be contained within an enclosure or junction box attached to building structure 12. Connector 42 has a quick-connect fitting for the application hose, or a conventional threaded coupling.

[00020] Returning to FIG. 1, from connector 42, just inside fence 16, chemical distribution system 40 splits with a portion running along foundation wall 52 of building structure 12 and a portion running along fence 16. A "Y" coupling or "T" coupling 53 can be used to split tubing 50. Tubing 50 runs along side fence 16, past play area 32 to the corner of the fence behind

tree 22. Fence 16 may be cinder block or wood construction. As shown in FIG. 4, fence 16 typically contains a number of posts or pillars 60 regularly spaced about 10-15 feet apart for supporting the main body of the fence. The cracks and crevices of the posts and pillars of fence 16 are prime insect infestation sites. To increase the effectiveness of chemical distribution system 40, tubing 50 is routed up and down the posts and pillars 60 of fence 16.

[00022] An elbow connector 63 can be used for tubing 50 to turn the corner of the fence behind tree 22. Otherwise, tubing 50 is sufficiently flexible to bend 90 degrees between the side and back fence 16. Tubing 50 then runs along back fence 16, past pool 24, to the corner of the fence near garden 28. Again, tubing 50 is routed up and down the posts and pillars along back fence 16. Some of the tubing 50 installed along back fence 16 is pre-drilled with holes spaced at regular intervals. In addition, the installer may place solid tubing 50 in the vicinity of pool 24 and garden 28, and then manually punch holes with the punch tool at selected locations with the punch tool. The property owner may not want any pesticide sprayed in and around pool 24 and garden 28. Spray nozzles 58 are inserted into the holes of tubing 50 along back fence 16 for dispensing the chemical pesticide to the open areas proximate to the fence. The locations selected for punch holes depend upon the pesticide manufacturer's recommended application instructions and any external structures 36 adjacent to or in proximity of back fence 16 that could interfere with the spraying pattern or otherwise would be unnecessarily exposed to the chemical pesticide. The spray nozzles 58 are inserted into the holes of tubing 50 along

Application Serial No.: 10/783,169

Applicant: Shane D. Pannell *et al.*

RESPONSE TO OFFICE ACTION MAILED SEPTEMBER 18, 2009

fence 16 for an even, complete, and directed coverage of the chemical pesticide to the outside ground areas proximate to back fence 16. In one scenario, spray nozzles 58 are installed every 15 inches with breaks to avoid direct spray of the chemical pesticide on existing plants and other external structures 36 along back fence 16 which are not intended to be sprayed.